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Box 1450, Alexandria, VA 22313-1450 on March 9, 2006

PATENT

Applicants:

Date

Toshiharu Furukawa et al.

Serial No.:

10/711,764

Filed:

October 4, 2004

Art Unit:

2823

Examiner:

Jarrett J. Stark

Confirmation No.:

5763

Title:

LOW-K DIELECTRIC MATERIAL BASED UPON CARBON

NANOTUBES

Atty Docket No.:

IBM-319

Cincinnati, Ohio 45202

March 9, 2006

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of candor and good faith imposed by 37 C.F.R. §1.56 and means of complying therewith according to 37 C.F.R. §\$1.97 and 1.98, the references listed on the attached Form PTO-1449 are called to the attention of the United States Patent and Trademark Office in connection with the above-identified patent application.

Subject to the Office's waiver of providing copies of U.S. patents and published applications for applications filed after June 30, 2003, only foreign references and articles are provided, since this application was filed on October 4, 2004, and therefore, subsequent to June 30, 2003.

The Examiner is urged to consider all of the cited documents and to make an independent evaluation of the teachings and materiality of each.

Applicants believe that no fee is due in connection with this communication. However, if this is not the case, the Commissioner is authorized to charge deposit account 23-3000 for any required fees.

Respectfully submitted,

WOOD, HERRON & EVANS, L.L.P.

3Y William P Allan

Reg. No. 48,389

2700 Carew Tower 441 Vine Street Cincinnati, OH 45202 (513) 241-2324 **SUBSTITUTE FORM PTO-1449** U.S. DEPARTMENT OF COMMERCE ATTY, DOCKET NO. SERIAL NO. 10/711.764 PATENT AND TRADEMARK OFFICE IBM/319 (MODIFIED) INFORMATION DISCLOSURE STATEMENT BY APPLICANT APPLICANT Toshiharu Furukawa et al. MAR 1 4 2006 (Use several sheets if necessary) FILING DATE GROUP (37 CFR 1,98(b)) October 4, 2004 2823 PAR TRADEMARY U.S. PATENT DOCUMENTS FILING DATE ISSUE **EXAMINER** IF APPROPRIATE PATENTEE CLASS SUBCLASS PATENT NUMBER DATE INITIAL 5 361 321.5 5/29/1997 A.A 5 9 6 3 8/18/1998 Kotecki et al. 1/25/1999 A.B 9 6/26/2001 Jin et al. 445 51 5 7/23/2002 1/3/2001 6 438 132 4 A.C Avouris et al. 5 5 3/6/2002 A.D 3 2/4/2003 257 296 6 Farnworth et al. 6 2/22/2005 Farnworth et al. 296 8 257 12/9/2002 A.E 8 5 8 9 9 2 A.F 5/10/2005 257 6 8 Appenzeller et al. 346 A.G A.H A.I A.J A.K FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS **TRANSLATION PUBLICATION COUNTRY OR** DOCUMENT (YES/NO) CLASS SUBCLASS DATE PATENT NUMBER **OFFICE** 3/14/2004 PCT H01L 51/20 Abstract Only WO 2004/O40668 A.L WO 2004/O40616 PCT H01L **Abstract Only** 3/13/2004 A.M H01L 29/786 **Abstract Only** 12/2/2004 PCT A.N WO 2004/105140 H01L 51/30 G11C 13/O2 N/A EP A.O EP 1420414 April 6, 2005 EP H01L 21/768 H01L 23/532 N/A 11/12/2003 A.P EP 1 361 608 A.Q OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication) Z.F.Ren, "Large Arrays of Well-Aligned Carbon Nanotubes", Proceedings of 13th International Winter School on Electronic A.R Properties of Novel Materials, Page 263-267, Feb. 27 - Mar. 6, 1999, Kirchberg / Tirol, Austria Choi et al., United States Published Application No. 2002/O001905 A1, Publication Date: 1/3/2002 A.S Furukawa et al., United States Patent Application Publication No. US 2005/O179029, Publication Date: August 18, 2005 A.T DATE CONSIDERED **EXAMINER** EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance and not considered.

Include a copy of this form with next communication to applicant.

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